



Armstrong Flight Research Center
Educator Professional Development Workshop

International Space Station: Mass vs. Weight



We often confuse the terms “mass” and “weight” and use them interchangeably even though they have very different meanings. Join NASA’s Armstrong Flight Research Center Office of Education for an educator professional development workshop on mass, weight, and gravity. Come learn about the difference between mass and weight while using Newton’s Laws of Motion. Educators will engage in hands-on, standards-aligned mathematics, science and engineering experiments and then compare their results on Earth to microgravity experiments performed by astronauts onboard the International Space Station. Educators will take back hands-on activities for their students that combine math, science, engineering, and social studies.

Target Audience: K-12 Formal and Informal Educators

When: Wednesday, November 30, 2016 4:30 pm – 6:00 pm

Location: NASA Armstrong Educator Resource Center at the AERO Institute, 38256 N. Sierra Hwy., Palmdale, CA 93550

Register Online: <http://goo.gl/forms/SlIPY87fPi>

Questions? Call Sondra Geddes 661-276-2359 or email at sondra.l.geddes@nasa.gov

There is no charge for the workshop. Free NASA educational materials will be provided. Seats are limited, and will be filled on a first-come, first-serve basis. All participants must be 18 years old or older.

Education